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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/000,158	10/31/2001	Sandeep Khanna	NLMI.P031	8240

30554 7590 11/28/2005  
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EXAMINER

FARROKH, HASHEM

ART UNIT PAPER NUMBER

2187

DATE MAILED: 11/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/000,158

Applicant(s)

KHANNA ET AL.

Examiner

Hashem Farrokh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 8/11/05.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-43, 45-47, 49-51, 53, 54 and 56-60 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-4, 6-7, 9-15, 17-19, 22-30, 32-39, 41-43, 45-47, 49-51, 53-54, 56-60-60 is/are rejected.
- 7) ☒ Claim(s) 21 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_ 6) ☐ Other: \_\_\_\_\_

This Office Action is in response to the phone call from Applicant Mr. Charles E. Shemwell, Reg. No. 40,171 on November 14, 2005. The issues discussed were related to the Office Action dated 10/29/05.

The detail of interview summarized as follows:

**Claim 1:**

In regard to objection of claim 1 in the Office Action the applicant pointed out that the amendment was the addition of a semicolon (;) at the end of line 9 of claim 1. The Examiner agrees that the punctuation has been added and underlined.

In regard to rejection of the claim, the applicant argued that the limitation: "selecting the first translation information in a first cycle and the second translation information in a second cycle;" is not taught by U.S. Patent Publication No. 2004/0032775 A1 to Srinivasan et al. (hereinafter Srinivasan) that is used for rejection of this claim. The applicant main argument was that translation information in Srinivasan reference clocked bit-by-bit and therefore does meet the requirement of translating the first translation information in a first cycle and the second translation information in a second cycle. As was discussed (in detail) in the Office Action dated 10/29/05, Srinivasan teaches this limitation. The Examiner maintains his position with respect to rejection of this claim.

**Claim 14:**

In regard to claim 14, the applicant argued that limitation: "a decode circuitry coupled to the storage element to decode the translation information and to establish a connection in the switch circuit between the first position and the position in

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comparand." The applicant pointed out the decoder in Srinivasan reference (paragraph 78-79 and Fig. 14) decodes the output of an address counter but not the translation information. The applicant argument regarding this rejection is persuasive.

**Claims 15, 26, 32, and 42:**

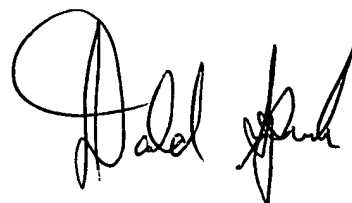
In regard to the rejection of these claims, the applicant indicated that instant application and Srinivasan reference owned by the same assignee and the Srinivasan reference only qualifies as a reference for rejection under 35 USC § 102(e). The applicants has filed a Declaration of Common Ownership to overcome these rejections under the provisions of 35 U.S.C. 103(c).

**Double Patenting Rejection:**

In regard to double patenting rejection the applicant indicated that he intended to file a Terminal Disclaimer to overcome the rejection.

HF

2005-11-19



**DONALD SPARKS**  
**SUPERVISORY PATENT EXAMINER**